

KIZZMEKIA S. CORBETT, PHD

Senior Research Fellow

National Institutes of Health | National Institute of Allergy and Infectious Diseases | Vaccine Research Center

40 Convent Drive, Building 40 - Room 2608, Bethesda MD 20892

kizzmekia.corbett@nih.gov | phone: 301.761.7610 | fax: 301.480.2771

EDUCATION

Doctor of Philosophy in Microbiology and Immunology

2014

University of North Carolina at Chapel Hill (UNC)

Director's Scholar

Bachelor of Science in Biological Sciences | Secondary Major in Sociology

2008

University of Maryland – Baltimore County (UMBC)

Robert and Jane Meyerhoff Scholar

RESEARCH EXPERIENCE

Research Fellow

10/14 - present

National Institutes of Health | Vaccine Research Center | PI: Barney S. Graham, MD PhD

Research Interest: mechanisms of viral immunity to inform influenza and coronavirus vaccine development

Graduate Research Assistant

08/09 – 10/14

University of North Carolina at Chapel Hill | Microbiology and Immunology | PI: Aravinda de Silva, MPH PhD

Research Interest: human antibody responses to dengue virus infection

Visiting Scholar

04/14 – 05/14

Genetech Research Institute | PI: Aruna Dharshan de Silva, PhD

Research Interest: immunological relevance of dengue virion maturation

Postbaccalaureate Research Fellow

05/08 – 08/09

National Institutes of Health | Vaccine Research Center | PI: Barney S. Graham, MD PhD

Research Interest: novel vaccine platform design for respiratory syncytial virus antigens

NIH Undergraduate Scholarship Program Summer Intern

06/07 – 08/07

National Institutes of Health | Vaccine Research Center | PI: Barney S. Graham, MD PhD

06/06 – 08/06

Research Interest: dendritic cell responses to respiratory syncytial virus infection

Undergraduate Laboratory Assistant

09/06 – 05/07

University of Maryland – Baltimore | School of Nursing | PI: Susan Dorsey, PhD

Research Interest: pain sensitivity in mouse models

Data Collection Team Leader

09/05 – 05/08

Healthy Aging in Neighborhoods of Diversity Across a Lifespan | PI: Jessica Kelley-Moore, PhD

Research Interest: social aspects of health disparities

Alliances for Graduate Education and the Professoriate Summer Intern

06/05 – 08/05

Stony Brook University | Center for Infectious Diseases | PI: Gloria Viboud, PhD

Research Interest: *Yersinia pseudotuberculosis* pathogenesis

Project SEED Summer Intern

05/03 – 08/03

University of North Carolina at Chapel Hill | Chemistry | PI: James Morken, PhD

05/02 – 08/02

Research Interest: chiral enantiomer synthesis and separation

FIRST AUTHOR PUBLICATIONS (*equal contributions, #senior authorship, gray = pending review)

1. **Kizzmekia S. Corbett**, Barbara Flynn, Joseph R. Francica, Seyhan Boyoglu-Barnum, Anne P. Werner, Britta Flach, Sarah O'Connell, Kathryn E. Foulds, Amy T. Noe, Naomi Douek, Hanne Anderson, Kevin W. Bock, Mahnaz Minai, Bianca M. Nagata, David R. Martinez, Mitzi M. Donaldson, Nadesh N. Nji, Gabriela Alvarado, Darin K. Edwards, Dillon R. Flebbe, Evan Lamb, Nicole A. Doria-Rose, Bob C. Lin, Mark K. Louder, Sijy O'Dell, Stephen D. Schmidt, Emily Phung, Lauren A. Chang, Christina Yap, John-Paul M. Todd, Laurent Pessaint, Alex Van Ry, Shanai Browne, Jack Greenhouse, Tammy Putman-Taylor, Amanda Strasbaugh, Tracy-Anne Cambell, Anthony Cook, Alan Dodson, Katelyn Steingrebe, Wei Shi, Yi Zhang, Olubukola M. Abiona, Lingshu Wang, Amarendra Pegu, Eun Sung Yang, Kwanyee Leung, Tongqing Zhou, I-Ting Teng, Alicia Widge, Ingelise Gordon, Laura Novik, Rebecca A. Gillespie, Rebecca J. Loomis, Juan I. Moliva, Guillaume Stewart-Jones, Sunny Himansu, Wing-Pui Kong, Martha C. Nason, Kaitlyn M. Morabito, Tracy J. Ruckwardt, Julie E. Ledgerwood, Martin R. Gaudinski, Peter D. Kwong, PhD, John R. Mascola, Andrea Carfi, Mark G. Lewis, Ralph S. Baric, Adrian McDermott, Ian N. Moore, Nancy J. Sullivan, Mario Roederer, Robert A. Seder, MD[#], and Barney S. Graham, MD[#]. Evaluation of mRNA-1273 Vaccine Against SARS-CoV-2 in Nonhuman Primates. *New England Journal of Medicine*. 15 October 2020; 383(16):1544-1555. doi: 10.1056/NEJMoa2024671.
2. **Kizzmekia S. Corbett***, Darin Edwards*, Sarah R. Leist*, Olubukola M. Abiona, Seyhan Boyoglu-Barnum, Rebecca A. Gillespie, Sunny Himansu, Alexandra Schäfer, Cynthia T. Ziwawo, Anthony T. DiPiazza, Kenneth H. Dinnon, Sayda M. Elbashir, Christine A. Shaw, Angela Woods, Ethan J. Fritch, David R. Martinez, Kevin W. Bock, Mahnaz Minai, Bianca M. Nagata, Geoffrey B. Hutchinson, Kai Wu, Carole Henry, Kapil Bahl, Dario Garcia-Dominguez, LingZhi Ma, Isabella Renzi, Wing-Pui Kong, Stephen D. Schmidt, Lingshu Wang, Yi Zhang, Laura J. Stevens, Emily Phung, Lauren A. Chang, Rebecca J. Loomis, Nedim Emil Altaras, Elisabeth Narayanan, Mihir Metkar, Vlad Presnyak, Cuiping Liu, Mark K. Louder, Wei Shi, Kwanyee Leung, Eun Sung Yang, Ande West, Kendra L. Gully, Nianshuang Wang, Daniel Wrapp, Nicole A. Doria-Rose, Guillaume Stewart-Jones, Hamilton Bennett, Martha C. Nason, Tracy J. Ruckwardt, Jason S. McLellan, Mark R. Denison, James D. Chappell, Ian N. Moore, Kaitlyn M. Morabito, John R. Mascola, Ralph S. Baric, Andrea Carfi[#], and Barney S. Graham[#]. SARS-CoV-2 mRNA Vaccine Design Enabled by Prototype Pathogen Preparedness. *Nature*. 2020 October; 586(7830):567-571. doi: 10.1038/s41586-020-2622-0.
3. **Kizzmekia S. Corbett***, Syed M. Moin*, Hadi M. Yassine, Alberto Cagigi, Masaru Kanekiyo, Yaroslav Tsybovsky, Adam K. Wheatley, Chaim A. Schramm, Seyhan Boyoglu-Barnum^a, Sky I. Myers^a, Rebecca A. Gillespie, Wei Shi, Lingshu Wang, Yi Zhang, Sarah F. Andrews, M. Gordon Joyce, Michelle C. Crank, Daniel C. Douek, Adrian B. McDermott, John R. Mascola, Barney S. Graham[#], and Jeffrey C. Boyington[#]. Design of nanoparticulate group 2 influenza hemagglutinin stem antigens that activate unmutated ancestor B cell receptors of broadly neutralizing antibody lineages. *MBio*. 26 February 2019; 10:e02810-18.
4. Jesper Pallesen*, Nianshuang Wang*, **Kizzmekia S. Corbett***, Daniel Wrapp, Robert N. Kirchdoerfer, Hannah L. Turner, Christopher A. Cottrell, Michelle M. Becker, Lingshu Wang, Wei Shi, Wing-Pui Kong, Arminja Kettenbach, Mark R. Denison, James D. Chappell, Barney S. Graham, Andrew B. Ward, and Jason S. McLellan[#]. Immunogenicity and structures of a rationally designed prefusion MERS-CoV antigen. *Proceedings of the National Academy of Sciences*. 29 August 2017; 114(35):e7348-e7357.
5. **Kizzmekia S. Corbett**, Leah Katzelnick, Hasitha Tissera, Dharshan de Silva, and Aravinda de Silva[#]. Pre-existing neutralizing antibody responses distinguish clinically inapparent and apparent dengue virus infections in a Sri Lankan pediatric cohort. *Journal of Infectious Diseases*. 15 February 2015; 211(4):590-9.

SENIOR AUTHOR PUBLICATIONS (*equal contributions, #senior authorship, gray = pending review)

1. Osnat Rosen, Leo Li-Ying Chan, Olubukola M. Abiona, Portia Gough, Lingshu Wang, Wei Shi, Yi Zhang, Nianshuang Wang, Wing-Pui Kong, Jason S. McLellan, Barney S. Graham, and **Kizzmekia S. Corbett***. A high-throughput inhibition assay to study MERS-CoV antibody interactions using image cytometry. *Journal of Virological Methods*. March 2019; 265:77-83.
2. Ching-Lin Hsieh*, Anne P. Werner*, Sarah R. Leist, Laura J. Stevens, Ester Falconer, Jory A. Goldsmith, Chia-Wei Chou, Olubukola M. Abiona, Ande West, Kathryn Westendorf, Krithika Muthuraman, Mark R. Denison, James D. Chappell, Ralph S. Baric, Barney S. Graham, Kizzmekia S. Corbett[#], Jason S. McLellan[#]. Structure-guided design of coronavirus stabilized stem antigens. *In review*.

CO-AUTHOR PUBLICATIONS (*equal contributions, #senior authorship, gray = pending review)

1. Bryan E. Jones*, Patricia L. Brown-Augsburger*, **Kizzmekia S. Corbett**, Kathryn Westendorf, Julian Davies, Thomas P. Cujec, Christopher M. Wiethoff, Jamie L. Blackburne, Beverly A. Heinz, Denisa Foster, Richard E. Higgs, Deepa Balasubramaniam, Lingshu Wang, Roza Bidshahri, Lucas Kraft, Yuri Hwang, Stefanie Žentelis, Kevin R. Jepson, Rodrigo Goya, Maia A. Smith, David W. Collins, Samuel J. Hinshaw, Sean A. Tycho, Davide Pellacani, Ping Xiang, Krithika Muthuraman, Solmaz Sobhanifar, Marissa H. Piper, Franz J. Triana, Jorg Hendle, Anna Pustilnik, Andrew C. Adams, Shawn J. Berens, Ralph S. Baric, David R. Martinez, Robert W. Cross, Thomas W. Geisbert, Viktoriya Borisevich, Olubukola M. Abiona, Hayley M. Belli, Maren de Vries, Adil Mohamed, Meike Dittmann, Marie Samanovic, Mark J. Mulligan, Jory A. Goldsmith, Ching-Lin Hsieh, Nicole V. Johnson, Daniel Wrapp, Jason S. McLellan, Bryan C. Barnhart, Barney S. Graham, John R. Mascola, Carl L. Hansen, and Ester Falconer*. LY-CoV555, a rapidly isolated potent neutralizing antibody, provides protection against SARS-CoV-2. *Science Translational Medicine*. In print.
2. Jennifer Hicks, Carleen Klumpp-Thomas, Heather Kalish, Anandakumar Shunmugave, Jennifer Mehalko, John-Paul Denson, Kelly Snead, Matthew Drew, **Kizzmekia S. Corbett**, Barney S. Graham, Matthew D. Hall, Matthew J. Memoli, Dominic Esposito, and Kaitlyn Sadtler#. Serologic cross-reactivity of SARS-CoV-2 with endemic and seasonal Betacoronaviruses. *Journal of Clinical Immunology*. In print.
3. Kai Wu*, Anne P. Werner*, Juan I. Moliva, Matthew Koch, Angela Choi, Guillaume B.E. Stewart-Jones, Hamilton Bennett, Seyhan Boyoglu-Barnum, Wei Shi, Barney S. Graham, Andrea Carfi, **Kizzmekia S. Corbett**, Robert A. Seder#, Darin K. Edwards#. Neutralizing Activity of mRNA-1273-Elicited Sera – Preliminary Report. *New England Journal of Medicine*. 17 February 2021.
4. Yongping Yang*, Wei Shi*, Olubukola M. Abiona*, Alexandra Nazzari, Adam S. Olia, Li Ou, Emily Phung, Tyler Stephens, Raffaello Verardi, Yaroslav Tsybovsky, Shuishu Wang, Anne Werner, Christina Yap, David Ambrozak, Tatsiana Bylund, Tracy Liu, Richard Nguyen, Lingshu Wang, Baoshan Zhang, Tongqing Zhou, Gwo-Yu Chuang, Barney S. Graham, John R. Mascola, **Kizzmekia S. Corbett**#, Peter D. Kwong#. Newcastle Disease Virus-Like 2 Particles Displaying Prefusion-Stabilized SARS-CoV-2 Spikes Elicit Potent Neutralizing Responses. *Vaccines*. 21 January 2021. *Vaccines* 2021, 9(2), 73. doi.org/10.3390/vaccines9020073
5. Alicia T. Widge, Nadine G. Rouphael, Lisa A. Jackson, Evan J. Anderson, Paul C. Roberts, Mamodikoe Makhene, James D. Chappell, Mark R. Denison, Laura J. Stevens, Andrea J. Pruijssers, Adrian B. McDermott, Britta Flach, Bob C. Lin, Nicole A. Doria-Rose, Sijy O'Dell, Stephen D. Schmidt, Kathleen M. Neuzil, Hamilton Bennett, Brett Leav, Mat Makowski, Jim Albert, Kaitlyn Cross, Venkata-Viswanadh Edara, Katharine Floyd, Mehul S. Suthar, Wendy Buchanan, Catherine J. Luke, Julie E. Ledgerwood, John R. Mascola, Barney S. Graham#, John H. Beigel#, **mRNA-1273 Study Group**. Durability of Responses after SARS-CoV-2 mRNA-1273 Vaccination. *New England Journal of Medicine*. 07 January 2021; 384(1):80-82. doi: 10.1056/NEJMc2032195
6. Evan J. Anderson, Nadine G. Rouphael, Alicia T. Widge, Lisa A. Jackson, Chris Roberts, Mamodikoe Makhene, James D. Chappell, Mark R. Denison, Laura Stevens, Andrea J. Pruijssers, Adrian B. McDermott, Britta Flach, Bob C. Lin, Nicole A. Doria-Rose, Sijy O'Dell, Stephen D. Schmidt, **Kizzmekia S. Corbett**, Phillip A. Swanson II, Marcelino Padilla, Kathy M. Neuzil, Hamilton Bennett, Brett Leav, Mat Makowski, Jim Albert, Kaitlyn Cross, Venkata Viswanadh Edara, Katharine Floyd, Mehul S. Suthar, David R. Martinez, Ralph Baric, Wendy Buchanan, Catherine J. Luke, Varun K. Phadke, Christina A. Rostad, Julie E. Ledgerwood, Barney S. Graham#, and John H. Beigel# for the mRNA-1273 Study Group. Safety and Immunogenicity of an mRNA Vaccine against SARS-CoV-2 in Older Adults - Preliminary Report. *New England Journal of Medicine*. 17 December 2020;383(25):2427-2438. doi: 10.1056/NEJMoa2028436
7. Lisa A. Jackson, Evan J. Anderson, Nadine G. Rouphael, Paul C. Roberts, Mamodikoe Makhene, Rhea Coler, Michele Paine McCullough, James D. Chappell, Mark R. Denison, Andrea J. Pruijssers, Adrian McDermott, Britta Flach, Nicole A. Doria-Rose, **Kizzmekia S. Corbett**, Kaitlyn M. Morabito, Sijy O'Dell, Stephen D. Schmidt, Kathleen M. Neuzil, Hamilton Bennett, Wellington Sun, Etza Peters, Mat Makowski, Jim Albert, Kaitlyn Cross, Wendy Buchanan, Rhonda Pikaart-Tautges, Julie E. Ledgerwood, Barney S. Graham#, and John H. Beigel# for the mRNA-1273 Study Group. A SARS-CoV-2 mRNA Vaccine — Preliminary Report. *New England Journal of Medicine*. 12 November 2020; 383(20):1920-1931. doi: 10.1056/NEJMoa2022483. doi: 10.1056/NEJMoa2022483.
8. Baoshan Zhang*, Cara W. Chao*, Yaroslav Tsybovsky, Olubukola M. Abiona, Geoffrey B. Hutchinson, Juan I. Moliva, Adam S. Olia, Guillaume Stewart-Jones, Raffaello Verardi, Lingshu Wang, Shuishu Wang, Anne Werner, Tongqing Zhou, John R. Mascola, Nancy J. Sullivan, Barney S. Graham, **Kizzmekia S. Corbett**, and Peter D. Kwong#. A Platform Incorporating Trimeric Antigens into Self-Assembling Nanoparticles Reveals SARS-CoV-2-Spike Nanoparticles to Elicit Substantially Higher Neutralizing Responses than Spike Alone. *Scientific Reports*. 23 October 2020; 10(1):18149. doi: 10.1038/s41598-020-74949-2.

9. Tongqing Zhou, I-Ting Teng, Adam S. Olia, Gabriele Cerutti, Jason Gorman, Alexandra Nazzari, Wei Shi, Yaroslav Tsybovsky, Lingshu Wang, Shuishu Wang, Baoshan Zhang, Yi Zhang, Phinikoula S. Katsamba, Yuliya Petrova, Bailey B. Banach, Ahmed S. Fahad, Lihong Liu, Sheila N. Lopez Acevedo, Bharat Madan, Matheus Olivera de Souza, Xiaoli Pan, Pengfei Wang, Jacy R. Wolfe, Michael Yin, David D. Ho, Emily Phung, Anthony DiPiazza, Lauren Chang, Olubukula Abiona, **Kizzmekia S. Corbett**, Brandon J. DeKosky, Barney S. Graham, John R. Mascola, John Misasi, Tracy Ruckwardt, Nancy J. Sullivan, Lawrence Shapiro, and Peter D Kwong[#]. Structure-Based Design with Tag-Based Purification and In-Process Biotinylation Enable Streamlined Development of SARS-CoV-2 Spike Molecular Probes. *Cell Reports*. 12 October 2020;108322. doi: 10.1016/j.celrep.2020.108322
10. Benjamin D. Hallowell, Christina M. Carlson, Jessica R. Jacobs, Mary Pomeroy, Jonathan Steinberg, Mark Tenforde, Emily McDonald, Loretta Foster, Leora R. Feldstein, Melissa A. Rolfes, Amber Haynes; Glen R. Abedi, George S. Odongo, Kim Saruwatari, Errin C. Rider, Gina Douville, Neenaben Bhakta, Panagiotis Maniatis, Stephen Lindstrom, Natalie J. Thornburg, Xiaoyan Lu, Brett L. Whitaker, Shifaq Kamili, Senthilkumar K.Sakthivel, Lijuan Wang, Lakshmi Janna R. Murray, Brian Lynch, Martin Cetron, Clive Brown, Shahrokh Roohi¹, Lisa Rotz, Denise Borntrager, Kenta Ishii¹, Kathleen Moser, Mohammad Rasheed, Brandi Freeman, Sandra Lester, **Kizzmekia S. Corbett**, Olubukola M. Abiona, Geoffrey B. Hutchinson, Barney S. Graham, Nicki Pesik, Barbara Mahon, Christopher Braden, Casey Barton Behraves, Rebekah Stewart, Nancy Knight, Aron J. Hall, and Marie Killerby. Severe Acute Respiratory Syndrome Coronavirus 2 Prevalence, Seroprevalence, and Exposure Investigation Among Evacuees from Wuhan, China, 2020. *Emerging Infectious Diseases*. 2020 Sep;26(9):1998-2004. doi: 10.3201/eid2609.201590.
11. Daniel Wrapp^{*}, Dorien de Vlieger^{*}, **Kizzmekia S. Corbett**, Gretel M. Torres, Barney S. Graham, Bert Schepens, Xavier Saelens, and Jason S. McLellan[#]. Structural Basis for Potent Neutralization of Betacoronaviruses by Single-domain Camelid Antibodies. *Cell*. 28 May 2020;181(5):1004-1015.e15. doi: 10.1016/j.cell.2020.04.031.
12. Daniel Wrapp^{*}, Nianshuang Wang^{*}, **Kizzmekia S. Corbett**, Jory A. Goldsmith, Ching-Lin Hsieh, Olubukola Abiona, Barney S. Graham, Jason S. McLellan[#]. Cryo-EM Structure of the 2019-nCoV Spike in the Prefusion Conformation. *Science*. 13 March 2020; 367(6483):1260-1263. doi: 10.1126/science.abb2507.
13. Seyhan Boyoglu-Barnum, Geoffrey B. Hutchinson, Jeffrey C. Boyington, Syed M. Moin, Rebecca A. Gillespie, Yaroslav Tsybovsky, Tyler Stephens, John R. Vaile, Julia Lederhofer, **Kizzmekia S. Corbett**, Brian E. Fisher, Hadi M. Yassine, Sarah F. Andrews, Michelle C. Crank, Adrian B. McDermott, John R. Mascola, Barney S. Graham[#], and Masaru Kanekiyo[#]. Glycan repositioning of influenza hemagglutinin stem facilitates the elicitation of protective cross-group antibody response. *Nature Communications*. 07 February 2020; 11, 791. doi:10.1038/s41467-020-14579-4
14. Nianshuang Wang, Osnat Rosen, Lingshu Wang, Hannah L. Turner, Laura J. Stevens, **Kizzmekia S. Corbett**, Charles A. Bowman, Jesper Pallesen, Wei Shi, Yi Zhang, Kwanyee Leung, Robert N. Kirchdoerfer, Michelle M. Becker, Mark R. Denison, James D. Chappell, Andrew B. Ward, Barney S. Graham, and Jason S. McLellan[#]. Structural Definition of a Neutralization-sensitive Epitope on the MERS-CoV S1-NTD. *Cell Reports*. 24 September 2020; 28(13):3395-3405.e6. doi: 10.1016/j.celrep.2019.08.052.
15. Rajendra Raut, **Kizzmekia S. Corbett**, Rashika N. Tennekoon, Sunil Premawansa, Ananda Wijewickrama, Gayani Premawansa, Piotr Mieczkowski, Aruna D. De Silva, and Aravinda M. de Silva[#]. Dengue viruses in humans are highly infectious and poorly neutralized by human antibodies. *Proceedings of the National Academy of Sciences*. 02 January 2019; 116(1):227-232.
16. Robert N. Kirchdoerfer, Nianshuang Wang, Jesper Pallesen, Daniel Wrapp, Hannah L. Turner, Christopher A. Cottrell, **Kizzmekia S. Corbett**, Barney Graham, Jason S. McLellan, and Andrew B. Ward[#]. Stabilized coronavirus spikes are resistant to conformational changes induced by receptor recognition or proteolysis. *Scientific Reports*. 24 October 2018; 8(1):15701.
17. Lingshu Wang^{*}, Wei Shi^{*}, Jim Chappell^{*}, Michael Joyce, Yi Zhang, Masaru Kanekiyo, Michelle Becker, Neeltje van Doremalen, Robert Fischer, Nianshuang Wang, **Kizzmekia S. Corbett**, Misook Choe, Rosemarie Mason, Joseph Van Galen, Tongqing Zhou, Kevin Saunders, Kathleen Tatti, Lia Haynes, Peter Kwong, Kayvon Modjarrad, Wing Kong, Jason McLellan, Mark Denison, Vincent Munster, John Mascola, and Barney Graham[#]. Importance of neutralizing monoclonal antibodies targeting multiple antigenic sites on MERS-CoV spike to avoid neutralization escape. *Journal of Virology*. April 2018; 92(10):e02002-17.
18. Robert N. Kirchdoerfer^{*}, Christopher Cottrell^{*}, Nianshuang Wang, Jesper Pallesen, Hadi Yassine, Hannah L. Turner, **Kizzmekia S. Corbett**, Barney S. Graham, Jason McLellan, and Andrew Ward[#]. Pre-fusion structure of a human coronavirus spike protein. *Nature*. 03 March 2016; 531(7592):118-21.

19. Rhonda Kines, Vladimir Zarnitsyn, Teresa Johnson, Yuk-Ying Pang, **Kizzmekia S. Corbett**, John Nicewonger, Anu Gangopadhyay, Man Chen, Jie Liu, Mark Prausnitz, John Schiller, and Barney S. Graham[#]. Vaccination with human papillomavirus pseudovirus-encapsidated plasmids targeted to skin using microneedles. *PLoS One*. 18 March 2015; 10(3):e0120797.
20. Hasitha Tissera, Ananda Amarasinghe, Dharshan de Silva, Paba Palihawadana, Pradeep Kariyawasam, Sunethra Gunasena, **Kizzmekia S. Corbett**, Leah Katzelnick, Clarence Tam, William Letson, Harold Margolis, and Aravinda de Silva[#]. Burden of dengue infection in a pediatric cohort in urban Sri Lanka. *American Journal of Tropical Medicine and Hygiene*. July 2014; 91(1):132-7.
21. Teresa Johnson, Christina Johnson, **Kizzmekia S. Corbett**, Gretchen Edwards, and Barney S. Graham[#]. Primary human mDC1, mDC2, and pDC dendritic cells are differentially infected and activated by respiratory syncytial virus. *PLoS One*. 28 January 2011; 6(1):e16458.
22. Barney Graham, Rhonda Kines, **Kizzmekia S. Corbett**, John Nicewonger, Teresa Johnson, Man Chen, Daaimah LaVigne, Jeffrey Roberts, Nicolas Cuburu, John Schiller, and Christopher Buck[#]. Mucosal delivery of human papillomavirus pseudovirus-encapsidated plasmids improves potency of DNA vaccination. *Mucosal Immunology*. September 2010; 3(5):475-86.
23. Joseph Francica*, Barbara Flynn, Kathryn Foulds , Amy Noe, Anne Werner, Ian Moore, Matthew Gagne, Timothy Johnston , Courtney Tucker, Rachel Davis, Britta Flach, Sarah O'Connell, Shayne Andrew, Evan Lamb, Dillon Flebbe, Saule Nurmukhambetova, Mitzi Donaldson, John-Paul Todd, Alex Zhu, Caroline Atyeo Stephanie Fischinger , Matthew Gorman, Sally Shin, Venkata Edara , Katharine Floyd, Lilin Lai, Alida Taylor , Elizabeth McCarthy, Valerie Lecouturier, Sophie Ruiz, Catherine Berry, Timmothy Tibbits, Hanne Andersen, Anthony Cook, Alan Dodson, Laurent Pessaint, Alex Ry, Marguerite Koutsoukos , Cindy Gutzeit , I-Ting Teng, Tongqing Zhou , Dapeng Li , Barton Haynes, Peter Kwong , Adrian McDermott, Mark Lewis, Tong Fu, Roman Chiciz , Robbert van der Most, **Kizzmekia Corbett**, Mehul Suthar, Galit Alter, Mario Roederer, Nancy Sullivan, Daniel Douek , Barney Graham, Danilo Casimiro, Robert A. Seder[#]. Vaccination with SARS-CoV-2 Spike Protein and AS03 Adjuvant Induces Rapid Anamnestic Antibodies in the Lung and Protects Against Virus Challenge. *In review*.
24. Lingshu Wang*, Tongqing Zhou*, Yi Zhang, Eun Sung Yang, Chaim Schramm, Wei Shi, Amarendra Pegu, Ola Oloninyi, Amy Ransier, Sam Darko, Sandeep Narpala, Christian, Hatcher, David Martinez, Yaroslav Tsybovsky, Emily Phung, Olubukola M. Abiona, Evan Cale, Lauren Chang, **Kizzmekia S. Corbett**, Anthony Dipiazza, Ingelise Gordon, Kwanyee Leung, Tracy Liu, Rosemarie Mason, Alexandra Nazzari, Laura Novik, Adam S. Olia, Nicole Doria-Rose, Tyler Stephens, Christopher Stringham, Chloe Talana, I-Ting Teng, Danielle Wagner, Alicia T. Widge, Baoshan Zhang, Mario Roederer, Julie Ledgerwood, Tracy Ruckwardt, Martin Gaudinski, Ralph S Baric, Barney S Graham, Adrian McDermott, Daniel Douek, Peter Kwong, John R Mascola, Nancy J Sullivan[#], John Misasi*. Antibodies with potent and broad neutralizing activity against antigenically diverse and highly transmissible SARS-CoV-2 variants. *In review*. pre-print: <https://doi.org/10.1101/2021.02.25.432969>
25. Anthony T. DiPiazza*, Sarah R. Leist*, Olubukola M. Abiona, Juan I. Moliva, Anne Werner, Mahnaz Minai, Bianca M. Nagata, Kevin W. Bock, Emily Phung, Alexandra Schäfer, Kenneth H. Dinno, Lauren A. Chang, Rebecca J. Loomis, Seyhan Boyoglu-Barnum, Gabriela S. Alvarado, Nancy J. Sullivan, Martha C. Nason, Darin K. Edwards, Kaitlyn M. Morabito, John R. Mascola, Andrea Carfi, **Kizzmekia S. Corbett**, Ian N. Moore; Ralph S. Baric, Barney S. Graham[#], Tracy J. Ruckwardt[#]. COVID-19 vaccine mRNA-1273 elicits a protective immune profile that is not associated with vaccine-enhanced disease. *In review*.
26. Carolina Garrido*, Alan D. Curtis*, Maria Dennis, Sachi H. Pathak, Hongmei Gao, David Montefiori, Mark Tomai, Christopher B. Fox, Pamela A. Kozlowski, Trevor Scobey, Jennifer E. Munt, Michael L. Mallroy, Pooja Saha, Michael G. Hudgens, Lisa C. Lindesmith, Ralph S. Baric, Olubukola Abiona, Barney Graham, **Kizzmekia S. Corbett**, Darin Edwards, Andrea Carfi, Genevieve Fouda, Koen K. A. Van Rompay, Kristina De Paris[#], and Sallie Permar[#]. The promise of pediatric SARS-CoV-2 vaccination in infant rhesus macaques. *In review*.
27. Brandi Freeman*, Sandra Lester*, Lisa Mills*, Mohammad Rasheed*, Stefany Moye, Olubukola M. Abiona, Geoffrey Hutchinson, Maria Morales-Betoulle, Inna Krapinunaya, Ardith Gibbons, Cheng-Feng Chiang, Deborah Cannon, John Klena, Jeffrey A. Johnson, Sherry Michele Owen, Barney S. Graham, **Kizzmekia S. Corbett**, and Natalie J. Thornburg[#]. Validation of a SARS-CoV-2 spike ELISA for use in contact investigations and serosurveillance. *In review*. pre-print: <https://www.biorxiv.org/content/10.1101/2020.04.24.057323v2>

1. **Kizzmekia S. Corbett**. The Duty to Mentor, Be Visible and Represent. *Nature Medicine*. 19 October 2020. doi: 10.1038/s41591-020-1122-y
2. Barney S. Graham & **Kizzmekia S. Corbett**. Prototype Pathogen Approach for Pandemic Preparedness: World on Fire. *Journal of Clinical Investigation*. 01 July 2020;130(7):3348-3349. doi: 10.1172/JCI139601.

PATENTS & PATENT APPLICATIONS

1. Barney S. Graham, John Mascola, **Kizzmekia S. Corbett**, Julie Ledgerwood, Olubukola M. Abiona, Lingshu Wang, Wei Shi, Wing-Pui Kong, Yi Zhang. US Patent Application No. 63/081,351. Anti-Coronavirus Antibodies and Methods of Use. 18 September 2020.
2. Barney S. Graham, John Mascola, **Kizzmekia S. Corbett**, Julie Ledgerwood, Olubukola M. Abiona, Lingshu Wang, Wei Shi, Wing-Pui Kong, Yi Zhang. US Patent Application No. 63/036,089. Anti-Coronavirus Antibodies and Methods of Use. 08 June 2020.
3. Barney S. Graham, John Mascola, **Kizzmekia S. Corbett**, Julie Ledgerwood, Olubukola M. Abiona, Lingshu Wang, Wei Shi, Wing-Pui Kong, Yi Zhang. US Patent Application No. 63/030,530. Anti-Coronavirus Antibodies and Methods of Use. 27 May 2020.
4. Neil King, Daniel Ellis, George Ueda, Barney S. Graham, **Kizzmekia S. Corbett**, Masaru Kanekiyo, Geoffrey Hutchinson. US Application No. 63/022,21. Nanoparticle Vaccines for Coronaviruses. 08 May 2020.
5. Barney S. Graham, John Mascola, **Kizzmekia S. Corbett**, Julie Ledgerwood, Olubukola M. Abiona, Lingshu Wang, Wei Shi, Wing-Pui Kong, Yi Zhang. US Patent Application No. 63/010,999. HHS Ref. No. E-131-2020-0. Anti-Coronavirus Antibodies and Methods of Use. 16 April 2020.
6. Barney S. Graham, **Kizzmekia S. Corbett**, Olubukola M. Abiona, Lingshu Wang, Wing-Pui Kong. US Patent Application No. 63/101,646. HHS Ref. No. E-116-2020-0. SARS-CoV Antibodies and Their Use. 15 April 2020.
7. Barney S. Graham, **Kizzmekia S. Corbett**, Olubukola M. Abiona, Geoffrey B. Hutchinson, Daniel Wrapp, Nianshuang Wang, Jason S. McLellan. US Patent Application No. 62/972,886. 2019-nCoV Vaccine. 11 February 2020.
8. Jeffrey Boyington, Barney S. Graham, John Mascola, Hadi Yassine, **Kizzmekia S. Corbett**, Syed Moin, Lingshu Wang. International Publication No. WO/2018/045308. Stabilized Group 2 Influenza Hemagglutinin Stem Region Trimers and Uses Thereof. 03 August 2018.
9. Peter Kwong, Ivelin Georgiev, Michael Gordon Joyce, Masaru Kanekiyo, Aliaksandr Druz, Ulrich Baxa, Joseph Van Galen, Rita Chen, Cheng Cheng, John Mascola, Yaroslav Tsybovsky, Yongping Yang, Paul Thomas, Barney S. Graham, Syed Mohammad Moin, **Kizzmekia S. Corbett**, Jeffrey Boyington. International Publication No. WO/2018/005558. Self-assembling Insect Ferritin Nanoparticles for Display of Co-assembled Trimeric Antigens. 01 April 2018.
10. Barney S. Graham, **Kizzmekia S. Corbett**, Hadi Yassine, Masaru Kanekiyo, Michael Gordon Joyce, Robert Kirchdoerfer, Christopher Cottrell, Jesper Pallesen, Hannah Turner, Andrew Ward, Nianshuang Wang, Jason S. McLellan. US Patent Application No. 62/412,703. Prefusion Coronavirus Spike Proteins and Their Use. 05 March 2018.

HONORARY DEGREES

date awarded

Sewanee University | Honorary Doctor of Science

05/22

HONORARY SCHOLARSHIP FUNDS

date initiated

College of Marin | Kizzmekia Corbett Biology Scholarship

2021

HONORS & AWARDS

date awarded

Gala Honoree | Children's Institute

10/21

Dean's Medal | Johns Hopkins Bloomberg School of Public Health

05/21

Benjamin Franklin NextGen Award | The Franklin Institute

04/21

Stem Trailblazer Award | Prince George's County Chapter of The Links Inc. and Jack and Jill of America

04/21

Healthcare Pioneer for Black History Month | North Carolina African American Heritage Commission

03/21

Salute Her: Game Changer Award | Café Mocha Radio Show

03/21

"She is the Frontline" Award | Majic 102.3 Women's Empowerment

03/21

Women of Power Award National Urban League	03/21
African Americans in Health Care - Excellence in Health Research and Development Award Kaiser Permanente	02/21
Chancellor's Innovation Award University of Wisconsin-Milwaukee	02/21
Hall of FAME Honoree City of Los Angeles	02/21
Key of Life Award National Association for the Advancement of Colored People	02/21
Keep Hope Alive Award Rainbow PUSH Coalition	02/21
Green Sands Prize Green Sands Prize Equity, Inc.	01/21
Measure of a Person Award Washington Inter-Alumni Council of the United Negro College Fund	01/21
Proclamation: "Dr. Kizzmekia 'Kizzy' Day" – January 12, 2021 Town of Hillsborough Board of Commissioners	01/21
Proclamation: "Dr. Kizzmekia 'Kizzy' Day" – January 20, 2021 Orange County Board of Commissioners	01/21
Proclamation: "Dr. Kizzmekia 'Kizzy' Day" – January 26, 2021 Carrboro Town Council	01/21
Proclamation: "Dr. Kizzmekia 'Kizzy' Day" – January 28, 2021 Town of Chapel Hill	01/21
The Golden Goose Award American Association for the Advancement of Science (AAAS)	12/20
NIAID Merit Award NHP COVID Vaccine Core	11/20
NIAID Merit Award Phase 1 Clinical Serology	11/20
NIAID Merit Award Preclinical Data from Mice Team	11/20
NIAID Merit Award SARS-CoV-2 mRNA Vaccine Team	11/20
Salzman Memorial Award in Virology Foundation for National Institutes of Health	11/20
Theodore Roosevelt Government Leadership Award Government Executive Media Group	10/20
Distinguished 400 Award 400 Years of African American History Commission	09/20
Early Career Applied and Biotechnological Research Award American Society for Microbiology	08/20
New Voices of the Year Breakthrough Award BlogHer	06/20
Informal Recognition Award National Institutes of Allergy and Infectious Diseases (NIAID)	07/17
Summer Mentor Award National Institutes of Health (NIH)	06/17 06/16
Frank Porter Graham Honor Society University of North Carolina at Chapel Hill	04/14
Research Initiative for Scientific Advancement Honor Long Island University	10/11
Office of AIDS Research Recognition National Institutes of Health (NIH)	06/06
National Society of Collegiate Scholars University of Maryland, Baltimore County	12/05
Poster Presentation Award Annual Biomedical Research Conference for Minority Students	11/05

SCHOLARSHIPS & FELLOWSHIPS

date awarded

Future of Science Travel Award Keystone Symposia	10/18
Travel Award XIVth International Nidovirus Symposium	06/17
2018 Keystone Symposia Fellowship	04/17
Travel Award STEM Women of Color Conclave	09/16 06/15
Tuition Scholarship STEM Leadership Academy	09/16
Judges' Travel Subsidy Annual Biomedical Research Conference for Minority Students (ABRCMS)	11/15
Off-Campus Dissertation Fellowship University of North Carolina at Chapel Hill	01/14
Travel Award Coalition for Life Sciences Capitol Hill Day	06/14
Group Travel Award University of North Carolina at Chapel Hill Graduate and Professional Student Federation	11/12
Travel Award Third Pan-American Dengue Research Network Meeting	09/12
National Institute of General Medical Sciences Training Program Scholarship Keystone Viral Immunity Symposium	05/12
Virology Training Grant University of North Carolina at Chapel Hill	09/10
Director's Scholarship University of North Carolina at Chapel Hill	08/09
Doctoral Merit Award University of North Carolina at Chapel Hill	08/09
Initiative for Maximizing Student Diversity (IMSD) Fellowship University of North Carolina at Chapel Hill	08/09
Intramural Research Training Award National Institutes of Health (NIH)	01/08
Undergraduate Scholarship Program (UGSP) National Institutes of Health (NIH)	05/05
Robert and Jane Meyerhoff Scholarship University of Maryland, Baltimore County	05/04

KEYNOTES & INVITED LECTURES

<i>University of Puerto Rico Invited Speaker</i>	<i>TBD</i>
Gordon Research Conference Viruses and Cells	05/23
Keystone Symposium Positive-Strand RNA Viruses	06/22
Keystone Symposium Lessons from the Pandemic: Responding to Emerging Zoonotic Viral Diseases	04/22

Salem College Health Leadership Forum	04/22
National Institute of Mental Health Director's Innovation Speaker Series	11/21
North Carolina Science Teachers Association (NCSTA) State Convention	11/21
American Biological Safety Association Keynote Speaker	10/21
Children's Hospital of Philadelphia Vaccine Education Center's Annual Maurice R. Hilleman Essay Contest Keynote	10/21
Montgomery County Community College Presidential Symposium on Diversity Invited Speaker	10/21
Morgan State University School of Global Journalism and Communication	10/21
Tufts University School of Medicine Department of Molecular Biology and Microbiology Seminar	10/21
University of California – Davis Storer Lectureship for Life Sciences	10/21
ACS-St. Louis Women Chemist Committee and STL-ACS Minority Affairs Committee Seminar Series	09/21
American College of Clinical Pharmacology Annual Meeting Plenary	09/21
Emory University Infectious Disease Division Seminar	09/21
LIFE ITSELF with Dr. Sanjay Gupta & Marc Hodosh Invited Speaker	09/21
National Hispanic Science Network (NHSN) Annual Scientific Conference Plenary Speaker	09/21
University of Illinois at Urbana-Champaign Chemistry-Biology Interface Training Program Seminar	09/21
University of Pittsburgh Chemical Engineering Undergrad "Inspirational Educator Award" Seminar	09/21
American Chemical Society Division of Biochemical Technology Meeting	08/21
Cleveland Museum of Natural History Centennial Seminar Speaker Series	08/21
College of Health and Human Services (CHHS) Invited Speaker	08/21
Johns Hopkins University Applied Physics Laboratory Distinguished Speaker Seminar Series	08/21
Microscopy and Microanalysis Annual Meeting	08/21
Northwestern University Biotechnological Advances Seminar Series	08/21
American Society of Virology 40 th Annual Meeting	07/21
International Society for Evolution, Medicine and Public Health Plenary Speaker	07/21
American Society of Microbiology ASM Microbe 2021	06/21
Columbia Business School Healthcare Leadership Series Invited Speaker	06/21
MD Anderson Cancer Center 2021 Internal Medicine Research Retreat	06/21
Michigan State University College of Human Medicine Invited Speaker	06/21
Carroll Community College STEM Scholars Guest Speakers Program	05/21
Cedars Sinai Medical Center Association for Women in Science Seminar Series	05/21
New York University BioDiverse Stories	05/21
Norco College Engineering Pathways Program STEM Speaker Series	05/21
Boston University & Boston Medical Center Infectious Diseases Grand Rounds	04/21
Creative and Performing Arts Academy College-and-Career Readiness Series	04/21
Durham Technical Community College Science Seminar Series	04/21
Florida A&M University, College of Pharmacy and Pharmaceutical Sciences 2021 Spring Semester Seminar Series	04/21
Marymount University Invited Lecture	04/21
Monroe College - School of Criminal Justice Invited Lecture	04/21
North Carolina Central University Department of Biological and Biomedical Sciences Seminar	04/21
Arizona Biomedical Research Centre "Predicting and Responding to Emerging Viruses and Pandemics" Symposium	03/21
Bard Prison Initiative Invited Lecture	03/21
Corning Science and Technology Black History Month Seminar Series	03/21
Mount Sinai Icahn School of Medicine at Mount Sinai Department of Microbiology Seminar Series	03/21
North Carolina Agricultural and Technical University Invited Lecture	03/21
University of Nevada, Reno "COVID-19 Heroes" Lecture Series	03/21
University of North Carolina at Chapel Hill Distinguished Alumni Lecture	03/21
Albert Einstein College of Medicine Marie Daly Lecture	02/21
Association for the Advancement of Artificial Intelligence's International Conference AI for COVID-19 Panel	02/21
Centers for Diseases Control National Forum on COVID-19 Vaccine Science Plenary	02/21
Harvard Medical School Department of Microbiology Seminar	02/21
New York University Marie M. Daly Seminar Series	02/21
Queens Public Library Black Health and Healing Summit	02/21
University of Texas Southwestern The Ida Green Lecture	02/21
William Paterson University Women in Science and Engineering (WISE) Program Seminar	02/21
Andrews University Chemistry & Biochemistry Guest Lecture	01/21
California Institute of Technology General Biology Seminar	01/21

Chinese Alumni Associations of Greater Washington (CAAGW) Invited Seminar	01/21
The Johns Hopkins University Special Seminar and “Community Forum on with Dr. Kizzmekia Corbett”	01/21
University of Oklahoma Department of Microbiology and Plant Biology Seminar	01/21
Yale University Intersections Science Fellows Symposium	01/21
Columbia University Virtual COVID-19 Symposium	12/20
University of Washington Biochemistry Department Seminar Series	12/20
Annual Biomedical Research Conference for Minority Students (ABRCMS)	11/20
Cornell University Rising Stars Program	11/20
Massachusetts Institute of Technology “SARS-CoV-2, COVID-19 and the Pandemic” Course	11/20
North Carolina State University Molecular Biotechnology Training Program Annual Symposium	11/20
Rutgers University Molecular Biosciences Graduate Student Organization Symposium	11/20
University of Maryland, College Park Virology Program Retreat	11/20
University of Richmond Department of Biology Seminar	11/20
Winston-Salem State University Scholarship - Research - Innovation Seminar Series	11/20
American Physician Scientist Association South Atlantic Regional Meeting	10/20
Black Health Matters Summit	10/20
Duke University Human Vaccine Institute Virtual Happy Hour	10/20
Human Vaccines Project Global COVID Lab Meeting	10/20
Spelman University Women in Science Seminar Series	10/20
University of Maryland “Frontiers in Vaccinology” Lecture	10/20
American Society of Gene and Cell Therapy COVID Seminar Series	09/20
Harvard School of Public Health Department of Microbiology and Infectious Diseases Seminar	09/20
Howard Hughes Medical Institute (HHMI) Annual Gilliam Fellows Meeting	09/20
National Heart Lung and Blood Institute Seminar	09/20
University of North Carolina at Chapel Hill Department of Microbiology and Immunology Seminar	09/20
American Thoracic Society Assembly on Allergy, Immunology & Inflammation	08/20
University of Maryland, Baltimore County Meyerhoff Graduate Fellows Program Annual Retreat	08/20
University of Texas Health Science Center at San Antonio Doctoral Candidacy Ceremony	08/20
American Association for Cancer Research Virtual Meeting on COVID-19 and Cancer	07/20
Cold Spring Harbor Laboratories COVID Rapid Research Reports Conference	07/20
COVID-19 International Research Team Symposium	06/20
Keystone Symposium Vaccinology in the Age of Pandemics	06/20
National Dental Association Convention	06/20
University of California, San Francisco ImmunoXX+ Symposium	06/20
University of North Carolina Gillings School of Public Health Inclusive Excellence Series	06/20
American Association for the Advancement of Science (AAAS) Emerging Researchers National Conference	05/20
National Institutes of Health (NIH) Virology Interest Group Seminar	05/20
Fierce Pharma “The Race to Develop a Vaccine for COVID-19”	03/20
Howard University “BIOL200 Genetics” Course	02/20
Howard University Department of Biology Lecture Series	02/20
Uniform Health Services University Pediatrics Grand Rounds	02/20
National Institutes of Health (NIH) Immunology Interest Group Seminar Series	06/19
University of North Carolina at Chapel Hill Initiative for Maximizing Student Diversity Research Symposium	06/19 10/16
National Institutes of Health (NIH) UGSP “Discussion with a Scientist” Seminar Series	06/18 07/16
Bowie State University Natural Sciences Seminar Series	05/18
Washington University in St. Louis Pulmonary Research Conference	05/18
National Foundation of Infectious Diseases Annual Conference on Vaccinology	04/18
Massachusetts Institute of Technology Rising Stars in Biomedical	11/17
National Student Leadership Conference	07/17
University of Kansas School of Engineering Department of Bioengineering	06/17
University of Maryland, Baltimore County Meyerhoff Summer Bridge “Intro to Research” Seminar Series	06/16
Allergy and Immunology Society of Sri Lanka	05/14
Long Island University Minority Biomedical Research Support RISE Seminar Series	10/11

CONVOCATION ADDRESSES

Harvard Medical School Master's Programs Graduation Speaker	05/22
University of the South 2022 Graduation Ceremony Speaker	05/22
Johns Hopkins Bloomberg School of Public Health 2021 Graduation Ceremony Speaker	06/21
University of North Carolina at Chapel Hill 2021 Commencement Speaker	05/21

LABORATORY MENTEES

Postbaccalaureate Fellow NIH Intramural Research Training Award Anne Werner	05/20 – current
Postbaccalaureate Fellow NIH Intramural Research Training Award Olubukola Abiona	08/17 – current
Postbaccalaureate Fellow NIH Intramural Research Training Award Geoffrey Hutchinson	02/17 – 08/20
<i>Current: PhD Student University of Washington Department of Immunology</i>	
Postbaccalaureate Fellow NIH Intramural Research Training Award Cynthia Ziawo	07/19 – 06/20
<i>Current: MD Student Eastern Virginia Medical School</i>	
Rising Undergraduate Senior NIH Summer Internship Program Anne Werner	06/19 – 08/19
<i>Current: Postbaccalaureate Fellow NIH, NIAID, Vaccine Research Center</i>	
Visiting Professor Israel Institute for Biological Research Osnat Rosen, PhD	07/17 – 07/18
<i>Current: Senior Scientist Israel Institute of Biological Research Department of Biotechnology</i>	
Rising Undergraduate Freshman NIH HiStep2.0 Program Heven Haile	06/17 – 08/17
Rising Undergraduate Freshman NIH HiStep2.0 Program Benjamin Cabrera	06/16 – 08/16
<i>Current: Undergraduate Student University of Maryland, College Park Department of Economics</i>	
High School Student North Carolina School of Science and Mathematics Tony Li	11/12 – 05/13
Undergraduate Student University of North Carolina at Chapel Hill Jennifer Wintringham	08/11 – 05/12
<i>Current: MD Student Eastern Virginia Medical School</i>	

TEACHING ASSISTANTSHIPS

Medical Microbiology Laboratory (for undergraduate pre-med majors) UNC	08/11 – 12/11
Microbiology Laboratory (for second year dental students) UNC	01/11 – 05/11
Concepts of Biology Laboratory (for undergraduate biology students) UMBC	09/06 – 05/08

SCHOLASTIC EXTRACURRICULAR ACTIVITIES

American Chemical Society Member	04/20 – 04/21
National Institutes of Health Fellows Committee Service and Outreach Committee	02/19 – 01/21
National Institutes of Health Fellows Committee Vaccine Research Center Representative	01/19 – 01/21
North Carolina Association of Student Governments University of North Carolina at Chapel Hill Delegate	05/13 – 12/13
University of North Carolina at Chapel Hill Student Fee Audit Committee Graduate Appointee	05/13 – 12/13
University of North Carolina at Chapel Hill Honor System Attorney's General Staff	10/12 – 12/13
University of North Carolina at Chapel Hill Student Congress Ethics Committee	08/13 – 12/13
University of North Carolina at Chapel Hill Student Congress Oversight and Advocacy Committee	10/12 – 12/13
University of Maryland, Baltimore County Biology Council of Majors Member	01/06 – 05/08

SERVICE & OUTREACH

Howard University Center for Women Gender and Global Leadership Invited Panelist	09/21
CoStar Group Fireside Chat with Dr. Kizzmekia Corbett	08/21
6th Episcopal District of AME Church Women's Missionary Society COVID-19 Empowerment Series Invited Speaker	08/21
#BlackinChem & #BlackinNeuro Addressing COVID-19 Vaccine Mistrust Invited Speaker and Panelist	07/21
Harvard Club of New York Guest Speaker	07/21
McDonald's McSistas Quarterly Meeting Invited Speaker	07/21
Pixar Studios Studio Resource Groups, Women@Pixar and PixWIT (Women in Technology) "We See You" Panelist	07/21
Project ResHERer Workshop Guest Speaker	07/21
Greater Highway Deliverance Ministries Guest Speaker	06/21
Queens, New York Community Board Guest Speaker	06/21
James K. Polk Elementary School EmpowHER Guest Speaker	06/21
Wahine: Culturally Responsive Collective Catalyst - Girls in Tech Camp Invited Speaker and Panelist	06/21
California Black Health Network (CBHN) Health Equity Forum Panelist	05/21

Delta Sigma Theta, Inc. Oakland East Bay Chapter COVID-19 Forum Panelist	05/21
Irmo Elementary School Guest Speaker	05/21
National Association for the Advancement of Colored People – Atlanta Branch COVID-19 Forum Panelist	05/21
National Institutes of Health Career Exploration Program Virtual Interview	05/21
North District of Illinois Annual Conference of the African Methodist Episcopal Church Guest Speaker	05/21
Spark Church Guest Speaker	05/21
Alpha Kappa Alpha Sorority, Inc Alpha Zeta Omega Chapter's COVID-19 Webinar Panelist	04/21
Duke University Divinity School Office of Black Church Studies COVID-19 Vaccine Webinar	04/21
First Baptist Church of Guilford COVID-19 Vaccine Education Forum	04/21
Her Unconventional Exploits Inc. Guest Speaker	04/21
National Heart Lung and Blood Institute Mishoe Fellows Brown Bag Lunch Guest Speaker	04/21
Towson University Spring 2021 Virology Course Interview with Professor Barry Marguiles	04/21
North Carolina School of Science and Mathematics COVID-19 Symposium Panelist	03/21
Oregon Health Authority Community Forum Panelist	03/21
Biden-Harris National Strategy for COVID-19 Response & CDC National Forum on COVID-19 Vaccine Panelist	02/21
Central Elementary Famous Firsts Program	02/21
Emory United Methodist Church COVID-19 Vaccine Townhall Panelist	02/21
Huston-Tillotson University Pandemic Vaccine Roll Out in the African American Community Panelist	02/21
National Council of Negro Women I.D.E.A.s Inclusion • Diversity • Equity • Accessibility Summit Invited Speaker	02/21
Orange County Agricultural Summit Guest Speaker	02/21
Black Coalition Against COVID “MAKING IT PLAIN: COVI19, Vaccines and Black America Panelist	01/21
Grapevine Health Live Interview with Dr. Kizzmekia Corbett	01/21
Hot 97/WBLS COVID-19 Back the Vaccine Townhall Panelist	01/21
Minority Health Institute COVID-19 Vaccination: It Matters in Saving Black Lives Virtual Town Hall Panelist	01/21
Schmidt Futures & Social Science Research Council Forum on Preparedness: Trust and Vaccine Hesitancy Panelist	01/21
T.D. Jakes Ministries COVID-19 Panel with Dr. Fauci Panelist	01/21
The Church at the Well COVID-19 Vaccine Interview with Pastor Kia Moore	01/21
Alpha Phi Alpha Fraternity, Inc. The African American Community and COVID 19 Vaccine Webinar Panelist	12/20
Florida Community Engagement Alliance Against COVID-19 Disparities Virtual Town Hall Panelist	12/20
Friendship West Baptist Church COVID-19 Vaccine Interview with Pastor Dr. Frederick Haynes III	12/20
The Links and National Medical Association COVID-19 Town Hall: Clinical Trials and the Black Community	11/20
National Association for the Advancement of Colored People Virtual Town Hall Panelist	12/20
National Medical Association Discussion with Black Health Professionals Panelist	11/20
Cox Communications Impact “From the Frontline: Coronavirus, Global Health, and the Power of Partnership” Panelist	10/20
Techbridge Girls Conference Guest Speaker	10/20
The Black Idea Coalition National Clergy Forum - African American Participation in Covid-19 Vaccine Trials Panelist	10/20
New York Academy of Sciences “The Evolution of Research Culture” Panelist	10/20
STEMCX and Reginald Lewis Museum Virtual Science Workshop Panelist	10/20
#BlackinMicro Week Panelist	09/20
Congressional Black Caucus Annual Legislative Conference Panelist	09/20
Jack and Jill “Meet a Scientist” Webinar Guest Speaker	09/20
Congressional Black Caucus “Role of Black Scientists in the Elimination of COVID” Town Hall Panelist	08/20
HUE Tech Summit Guest Speaker	08/20
National Institutes of Health (NIH) Office of Research on Women's Health Live Panel Panelist	08/20
Smithsonian National Museum of African American History and Culture Career Conversations Panelist	08/20
American Museum of Natural History COVID-19 Roundtable Discussion Panelist	07/20
Leadership Alliance National Symposium Career Development Workshop Guest Speaker	07/20
North Carolina Career and Technical Education Secondary Teachers Conference Guest Speaker	07/20
Science/American Association for the Advancement of Science (AAAS) COVID-19 Vaccine Discussion Panelist	07/20
National Dental Association “COVID” Panelist	06/20
Society for Scientific Advancement “Careers in Biomedical Research” Panelist	06/20
White House Coronavirus Task Force Roundtable Briefing on Coronavirus Panelist	06/20
Nia House Montessori School, Nashville TN “What is a Virus?” Guest Speaker	05/20
Mt. Calvary Baptist Church, Rockville MD “How a Coronavirus Vaccine Will Work...” Guest Speaker	03/20
White House Presidential Briefing on Coronavirus Panelist	03/20
Cesar Chavez Public Charter Schools for Public Policy Guest Speaker	02/20

National Institutes of Health (NIH) Graduate Student Research Symposium Judge	02/20 02/18 01/17 01/16
National Institute of Diabetes and Digestive and Kidney Diseases Presentation Judge	07/19 07/18 08/17 08/16 08/15
University of North Carolina at Chapel Hill “Diversity in STEM Careers” Panelist	06/19
National Institutes of Health (NIH) Postbac Poster Day Lead Judge	05/19 05/17 04/16 04/15
National Institutes of Health (NIH) Fellows Award for Research Excellence Judge	04/19
Universities at Shady Grove “Lunch with a Scientist” Panelist	04/19
Howard University Research Symposium Presentation Judge	04/18 04/16
Meyerhoff Scholarship Program Selection Committee	03/18 03/17 03/15
NIAID Division of Microbiology and Infectious Diseases “Diversity in the Sciences” Panelist	02/18
National Institute of Allergy and Infectious Diseases (NIAID) “Experiences from the Front Line – Postdoc” Panelist	10/17
National Institutes of Health (NIH) “Careers in Biomedical Research” Panelist	10/17 07/16
University of Maryland, Baltimore County “Meyerhoff Alumni Perspectives” Panelist	03/17
Coalition for Life Sciences Capitol Hill Day Science Policy Advocate	09/16 04/13
University of Maryland, Baltimore County “Gender-Specific Difficulties of a STEM Career” Panelist	07/16
Mentoring in Medicine, Inc. “Lunch with a Scientist” Panelist	05/16
William Beanes Elementary School, Suitland MD STEM Fair Judge	12/15
United Negro College Fund/Merck Grant Reader and Selection Committee – Graduate Student Level	04/15
North Carolina Student Academy of Science NC Science and Engineering Fair Judge	04/13
North Carolina State Advocacy Day Graduate Education Advocate	02/13
East Chapel Hill High School, Chapel Hill NC “Why I Chose a STEM Career” Panelist	10/12
Long Island University “Applying to Graduate School” Panelist	10/11
National Institutes of Health (NIH) “What to Expect in Your First Year of Graduate School” Panelist	05/10
Catonsville High School, Catonsville MD Rising Scholars Tutors Program Coordinator	01/08

CONTINUING EDUCATION

TECH498 - Leadership Strategies in Biomedical Sciences Foundation for Advanced Education in the Sciences	03/20
STEM Leadership Academy Fielding Graduate University	09/16
Short Course for Emerging Leaders in Medical Virology Global Virus Network	07/15

PRESS/MEDIA

1. *Featured in:* “Women Changing the World”. *People*. 08 March 2021.
2. “V-103 Atlanta Radio with Big Tigger”. Live Radio Interview. 24 February 2021.
3. *Featured in:* “2021 TIME100 Next” *Time*. 17 February 2021.
4. *Featured in:* “2021 Top 25 Women Leaders in Healthcare.” *Modern Healthcare*. 13 February 2021.
5. “This COVID-vaccine designer is tackling vaccine hesitancy — in churches and on Twitter.” by Nidhi Subbaraman for *Nature*. 11 February 2021. Excerpt: “Immunologist Kizzmekia Corbett helped to design the Moderna vaccine. Now she volunteers her time talking about vaccine science with people of colour.”
6. “Moderna Vaccine Co-Lead Dr. Kizzmekia Corbett Shares Her Journey”. Taped Interview. *Essence Magazine*. 03 February 2021.
7. “Luck, Foresight and Science: How an Unheralded Team Developed a COVID-19 Vaccine in Record Time.” by David Heath and Gus Garcia-Roberts for *USA Today*. 26 January 2021. Excerpt: “As politically correct as I can say it,” Corbett said of the other major vaccine makers, “they’re catching up because they are copying and pasting.”
8. “Conversations with America: Unpacking the COVID-19 Vaccine” by T.D. Jakes for *TDJOnline*. Taped Interview. 25 January 2021.
9. “CBS This Morning” by Michelle Miller for *CBS*. Taped Interview. 09 January 2021.
10. “Black scientist who helped develop COVID-19 vaccine attends inoculation of Rev. Jesse Jackson” by Maudlyne Ihejirika for *Chicago Sun Times*. 08 January 2020
11. *Featured in:* “These 10 North Carolinians have made major contributions to the state and beyond in 2020.” *The News & Observer*. 23 December 2020.

12. “They spent 12 years solving a puzzle. It yielded the first COVID-19 vaccines.” by Jillian Kramer for *National Geographic*. 31 December 2020. Excerpt: “Ultimately, experiments in animal models showed the MERS vaccine was successful, says Kizzmekia Corbett...”
13. *Featured in*: “1000 Inspiring Black Scientists in America.” *Cell Mentor*. 28 December 2020.
14. “The Shot: Race for the Vaccine - A Special Edition of 20/20.” *ABC*. Taped Interview. 14 December 2020.
15. “CNN Podcast: Vaccine Warrior Kizzmekia Corbett.” Podcast Interview. 10 December 2020.
16. *Featured in*: “Women in Biopharma.” *Endpoint News*. 10 December 2020.
17. “EPIDEMIC with Celine Gounder. S1E53 / The Vaccines are Coming / Kizzmekia Corbett, Sree Chaguturu and Julie Rosenberg.” Podcast Interview. 05 December 2020.
18. *Featured in*: “The Bloomberg 50”. *Bloomberg Business Week*. December 2020.
19. “TWiV 670: Coronavirus vaccine preparedness with Kizzmekia Corbett.” Podcast Interview. 8 October 2020.
20. “Black Microbiologists Push for Visibility Amid a Pandemic.” by Katherine Wu for *The New York Times*. 28 September 2020. Excerpt: “Black in Microbiology, Black in Neuro and all the others are pivotal for visibility to younger generations of scientists and to people who have said or thought that this talent pool just does not exist,” said Kizzmekia Corbett...
21. “50 Health Experts to Follow in a Pandemic” by *Elemental*. 18 September 2020.
22. “Kizzmekia Corbett is Working on a Vaccine for COVID-19. She’s Using Both Science and Faith to Do So.” by Courtland Milloy for *The Washington Post*. 19 August 2020.
23. “Alumna Leads Team to Breakthrough Coronavirus Vaccine Results” by Sarah Hansen for *UMBC Magazine*. 6 August 2020.
24. “This Young, Black, Female Scientist from NC Leads Efforts to Find a COVID-19 Vaccine.” by Kate Murphy for *The News & Observer*. 26 June 2020. Excerpt: “Corbett has been heading the basic research and analyzing the pre-clinical data that’s been fundamental for developing and testing a vaccine for COVID-19.”
25. “Dr. Kizzmekia Corbett — The Novel Coronavirus Vaccine” *Speaking of Science* by *NIH IRP*. Radio Interview. 21 May 2020.
26. “Decoding COVID-19” by NOVA for *PBS*. Taped Interview. 13 May 2020.
27. “CBS This Morning” by Jon Lapook for *CBS*. Taped Interview. 12 May 2020.
28. “Chasing A Cure: NIH Scientist Kizzmekia Corbett Works to Find A Vaccine to End Coronavirus” by Madison J. Gray for *BET News*. 30 April 2020.
29. “AC360” by Anderson Cooper and Sanjay Gupta for *CNN*. Live Interview. 14 April 2020.
30. “Working on Coronavirus Vaccine Trials, Kizzmekia Corbett is ‘Not Your Average’ Scientist.” by Janell Ross for *NBC News*. 12 April 2020.
31. “Scientists Rush to Find Coronavirus Cure—but It Still Isn’t Fast Enough.” by Joseph Walker, Peter Loftus and, Jared S. Hopkins for *The Wall Street Journal*. 6 April 2020. Excerpt: “Dr. Corbett is a researcher at the National Institute of Allergy and Infectious Diseases, or NIAID. For years, she and colleagues have braced for a pandemic.”
32. “UMBC Grad Leads Fight Against Virus.” by Mark Smith for *The Business Monthly*. 2 April 2020. Excerpt: “Today, Corbett’s knowledge is used to interpret and direct information. ‘All told, I do the science,’ she said.”
33. “Prior to COVID-19, Dr. Kizzmekia S. Corbett Was Formulating Success as a Black Woman in Science.” by Lydia Blanco for *Black Enterprise*. 2 April 2020.
34. “Interview with Dr. Kizzmekia S. Corbett” *The Tarhelium*. Volume 50, Issue 4. April 2020.
35. “Morning Goods with Madelyne Woods” Radio Interview (live) on *WOL-AM 1450*. 30 March 2020.
36. “From Bats to Human Lungs, the Evolution of a Coronavirus” by Carolyn Kormann for *The New Yorker*. 27 March 2020. Excerpt: “While the first sars virus attached to the ACE-2 receptor, as well, sars-CoV-2 binds to it ten times more efficiently, Kizzmekia Corbett, the scientific lead of the coronavirus program at the National Institutes of Health Vaccine Research Center, told me.”

37. "Record Pace of Coronavirus Trials Could Be New Normal for Vaccines." by Jeannie Baumann for *Bloomberg News*. 19 March 2020. Excerpt: "I think that this could be the new norm," Corbett, scientific lead for coronavirus vaccines team at NIAID, said of a 100-day timeline.
38. "Behind the Scenes, Scientists prep for COVID-19 Vaccine Test." by Lauren Neergaard for *Associated Press*. 8 Mar 2020. Excerpt: "Corbett says the work couldn't have moved so quickly had it not been for years of behind-the-scenes lab testing of a possible MERS vaccine that works the same way."
39. "UMBC Alumnae Racing to Develop Coronavirus Vaccine" by Sarah Hansen for *UMBC Magazine*. 02 Mar 2020. Excerpt: "Kizzmekia Corbett '08, M16, biological sciences, says it feels like she's 'living in a constant adrenaline rush.' Maybe that's because she and her team at the Vaccine Research Center at the National Institute of Allergy and Infectious Diseases have been working around the clock for weeks."
40. "ACS Project SEED Alum Helps Lead the Fight Against Coronavirus." by ACS News. 25 February 2020. Excerpt: "As a senior research fellow at the National Institutes of Health, Kizzmekia Corbett is a key player in the global race to develop a vaccine to combat the coronavirus (SARS-CoV-2)."
41. "NIH Lab Races to Create Coronavirus Vaccine in Record Time." by Rob Stein for Morning Edition. *NPR*. Radio Interview. 21 February 2020.
42. "Insights on COVID-19 Vaccine, mAb Development from Spike Protein Structure" by Sandi Wong for *BioCentury*. 20 February 2020. Excerpt: "Kizzmekia Corbett, scientific lead of the coronavirus team at VRC, told BioCentury the team previously used this method to uncover the prefusion structure of the Middle East respiratory syndrome coronavirus (MERS-CoV) spike..."
43. "She Has Our Back: Vaccine Push Has Local Connection" By Dale Edwards for *News of Orange*. 19 February 2020. Excerpt: "With the recent daily concerns — and panic — over the Novel Coronavirus, it's reassuring to know people like Dr. Kizzmekia Corbett at the National Institutes of Allergy and Infectious Diseases at the National Institutes of Health, are tirelessly working to find ways to help."
44. "Lab 023: Don't Pass the Coronavirus" Dope Labs Podcast by *Spotify Studios*. Radio Interview. 6 February 2020.
45. "NIAID Soundbites: Novel Coronavirus Vaccine Research" National Institute of Allergy and Infectious Diseases. 31 January 2020. <https://www.youtube.com/watch?v=cFyXEJWqdCc&t=17s>
46. "Researchers Make Strides in Race to Create Coronavirus Vaccine." by Peter Beaumont for *The Guardian*. 1 February 2020. Excerpt: "Corbett said that since the release of the Chinese sequence on 10 January, her team had been working around the clock to produce a stable version of the key protein that would prompt a strong antibody defense to prevent the virus entering the body."
47. "Researchers Are Racing to Make a Coronavirus Vaccine. Will It Help?" by Knavul Sheikh and Katie Thomas for *The New York Times*. 29 January 2020. Excerpt: "They used the template for the SARS vaccine and swapped in just enough genetic code that would make it work for the new virus. 'I call it plug and play,' Dr. Corbett said."
48. "Corbett Continues Quest for Dengue Fever Vaccine" *UNC Global*. UNC School of Medicine. Web. 14 February 2014.